

REMARKS

Claims 1-3, 5-15, 18-22 and 25-37 are pending. Claims 1, 5, 9, 12, 18, 19, 28 and 33 are amended. Claims 4, 16, 17, 23, 24 and 33-41 are canceled. Reconsideration and allowance based on the above amendments and following remarks are respectfully requested.

§112, 2nd Paragraph

The Office Action rejects claim 9 under 35 U.S.C. §112, 2nd paragraph as being indefinite. Specifically, the Office Action asserts that the phrase “such as” recited in claim 9 renders the claim indefinite. In response, Applicants have amended claim 9 to remove this language. Accordingly, withdrawal of the rejection is respectfully requested.

Prior Art Rejections

The Office Action rejects claims 1-7, 9-20, 22-24, 33-34 and 36-41 under 35 U.S.C. §102(a) as being anticipated by “ContainerListView” and “TreeView: Writing VS.NET Design-Surface Compatible Controls” written by Jon Rista (herein after “Rista”); claims 25-32 under 35 U.S.C. §102(b) as being anticipated by “Neat Stuff To Do in List Controls Using Custom Draw” by Michael Dunn (herein after “Dunn” - note the Office Action refers to this reference as “Heller et al.”); and claims 8, 21 and 35 under 35 U.S.C. §103(a) as being unpatentable over Rista and Dunn. These rejections are respectfully traversed.

In embodiments to the present invention, properties representative of different data types, for example a name or music, can be represented by different graphical illustrations other than text. Each property can be represented differently using different graphical symbols and thus can be

interpreted differently. To accomplish this, a plurality of drawing handlers are provided which are each uniquely qualified to draw a different graphical representation and are each linked to a specific customization or property type. An implementation component obtains the necessary data and provides this to a specific drawing handler based on that obtained data. The drawing handler then represents the specific property graphically based on that information.

Contrary to the present invention, the cited references Rista and Dunn teach systems that implement graphics in list views. However, these graphics do not use a plurality of drawing handlers and a specific drawing handler for a drawing a customized graphical representation of a certain property or the drawing handler being specifically assigned to the property. Furthermore, neither Rista or Dunn teach or suggest the unique arrangement between the implementation component and the drawing handler recited in Applicants independent claims.

In Rista, data is rendered using one of a container list view or tree list view to provide information to a user in a more recognizable manor. Information associated with the data represented in the container list view can be illustrated using a graphical illustration. For example, as shown on page 2 of Rista, the container list view illustrates multiple "properties" including an application, an audio file, a document, an image file and a video file. Each of these different file types ("properties") are represented by the same graphic and thus the same handler component. Applicants agree that Rista does represent information pertaining to a particular file type or property using some type of graphical representation. However, Rista does not teach or suggest a relationship between an implementation component and drawing handler component in which the implementation component provides the information to the drawing handler component and the handler component is specifically

selected from a plurality of drawing handlers for a particular graphical representation customized to a specific property.

The Office Action states that Rista does teach the drawing handler component being called by an implementation component which can be found on page 3 of Rista. Applicants have reviewed page 3 of Rista and find no suggestion or teaching of an implementation component as claimed by Applicants. Further, Applicants find no teaching or suggestion within Rista of selection from amongst a plurality of drawing handlers, of a single drawing handler specific to a particular property and graphical illustration thereof.

Dunn also teaches contrary to the recited features of the present invention. Dunn teaches a method for visually highlighting particular files. For example in Dunn's system certain columns in the files may be highlighted using different colors or a graphical illustration can be provided next to the file name. The colors and the graphical illustration do not represent a value corresponding to the file but instead are used merely to highlight the file for easy recognition thereof. Furthermore, Dunn fails to teach or suggest any use of a plurality of drawing handlers or an implementation component associated with the drawing handler component as in the embodiments of the present invention.

Therefore, in view of the above, Applicants respectfully submit that Rista and Dunn alone or in combination with each other fail to teach each and every feature of the independent claims. Specifically, Rista and Dunn fail to teach or suggest, *inter alia*, a drawing handler from amongst a plurality of drawing handlers being assigned to the property; the drawing handler being called by an implementation component to provide a graphical representation of the property and the drawing handler converting a value of the property received

from the implementation component into a graphical representation which is provided on the display, as recited in claim 1;

receiving a call by a drawing handler component from an implementation component to provide a graphical representation of the property value specific to the property and where the drawing handler component selected from amongst a plurality of drawing handler components and the response to receiving the call, drawing handler component providing a graphical representation that corresponds to the property value, as recited in claim 12;

a set of computer useable instructions that cause a request from an implementation component to a drawing handler to provide a graphical representation of a property to be communicated to one or more other computer program segments capable of executing said request, the drawing handler being independently registered from amongst a plurality of drawing handlers, and providing a customized representation of the property as recited in claim 19;

an implementation component issues a call for providing a graphical representation of a property on the display and the response to the call, a drawing handler component specific to the property produces the graphical representation for the property on display, as recited in claim 25; and

a set of computer usable instructions that are each independently registered and each independently representative of a specific property and which operate to produce a graphical representation of the specific property on the display, as recited in claim 33.

Since the cited references fail to teach each and every feature of the independent claims as required, the rejections cannot be maintained.

Accordingly, reconsideration and withdrawal of the rejections are respectfully requested.

Conclusion


For at least the reasons above, it is respectfully submitted that claims 1-3, 5-15, 18-22 and 25-37 are distinguishable over the cited art. Favorable consideration and prompt allowance are earnestly solicited.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Chad J. Billings Reg. No. 48,917 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

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Respectfully submitted,

By 
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